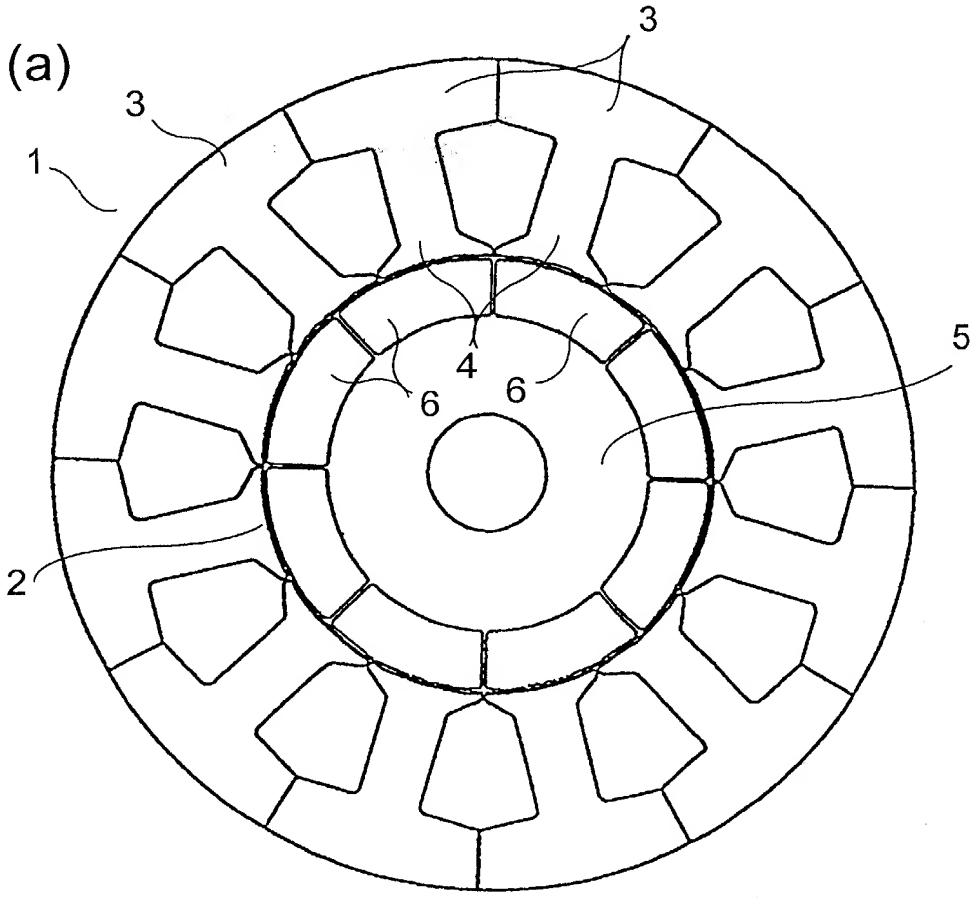
FIG. 1



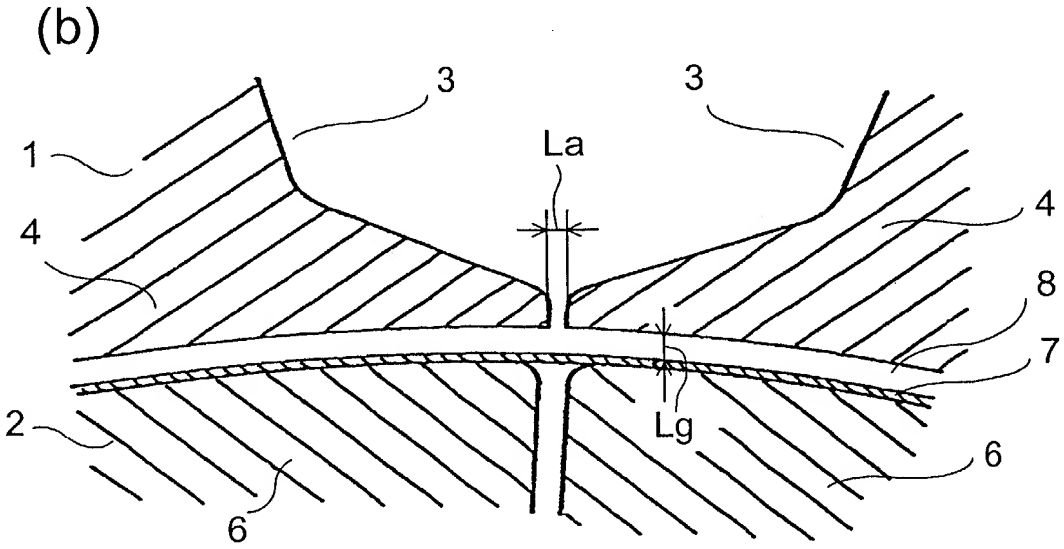


FIG. 2

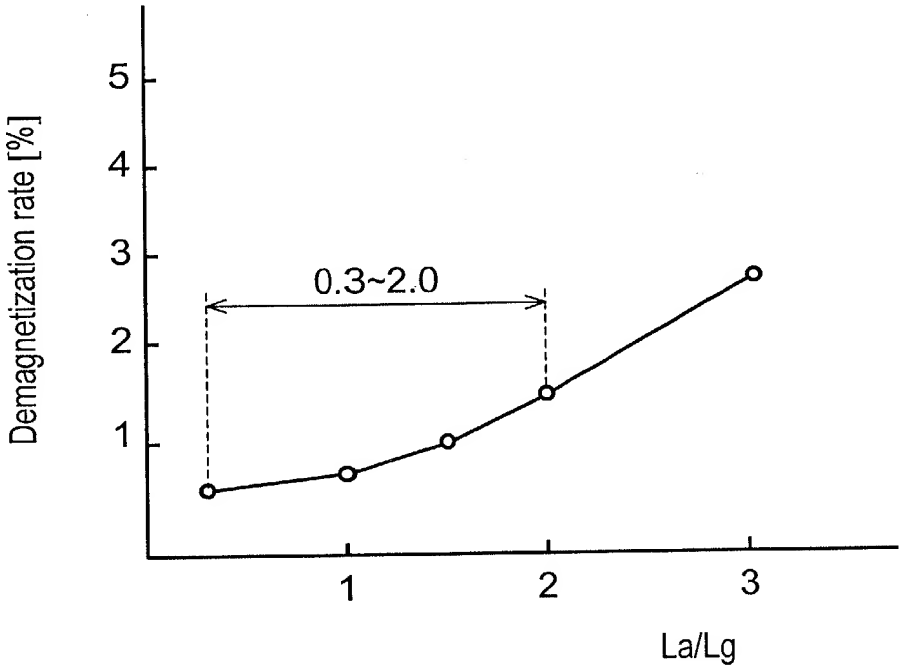

Demagnetization rate [%]
5
4
3
2
1
0.3~2.0
1
2
3
La/Lg

FIG. 3

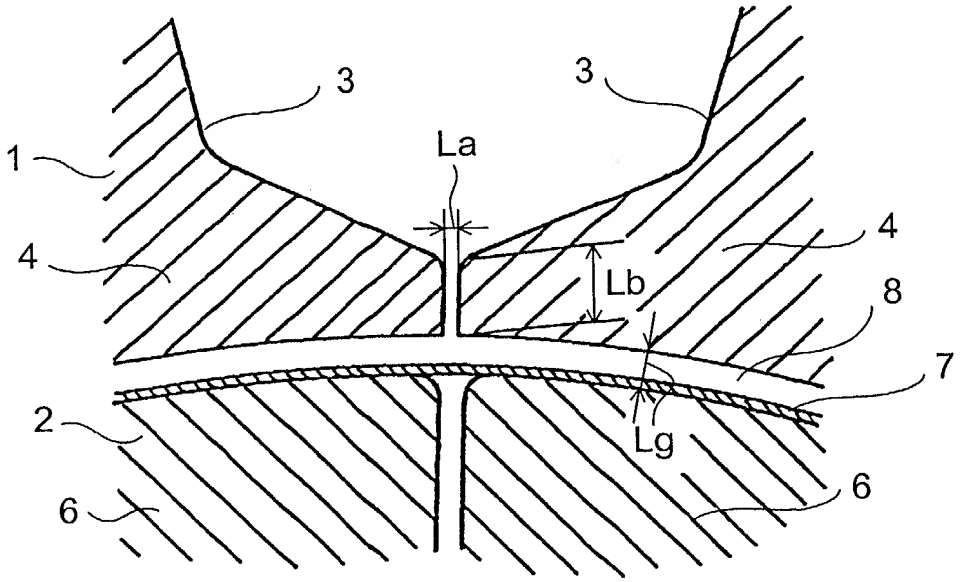

3
3
1
La
4
4
Lb
8
7
2
Lg
6
6

FIG. 4

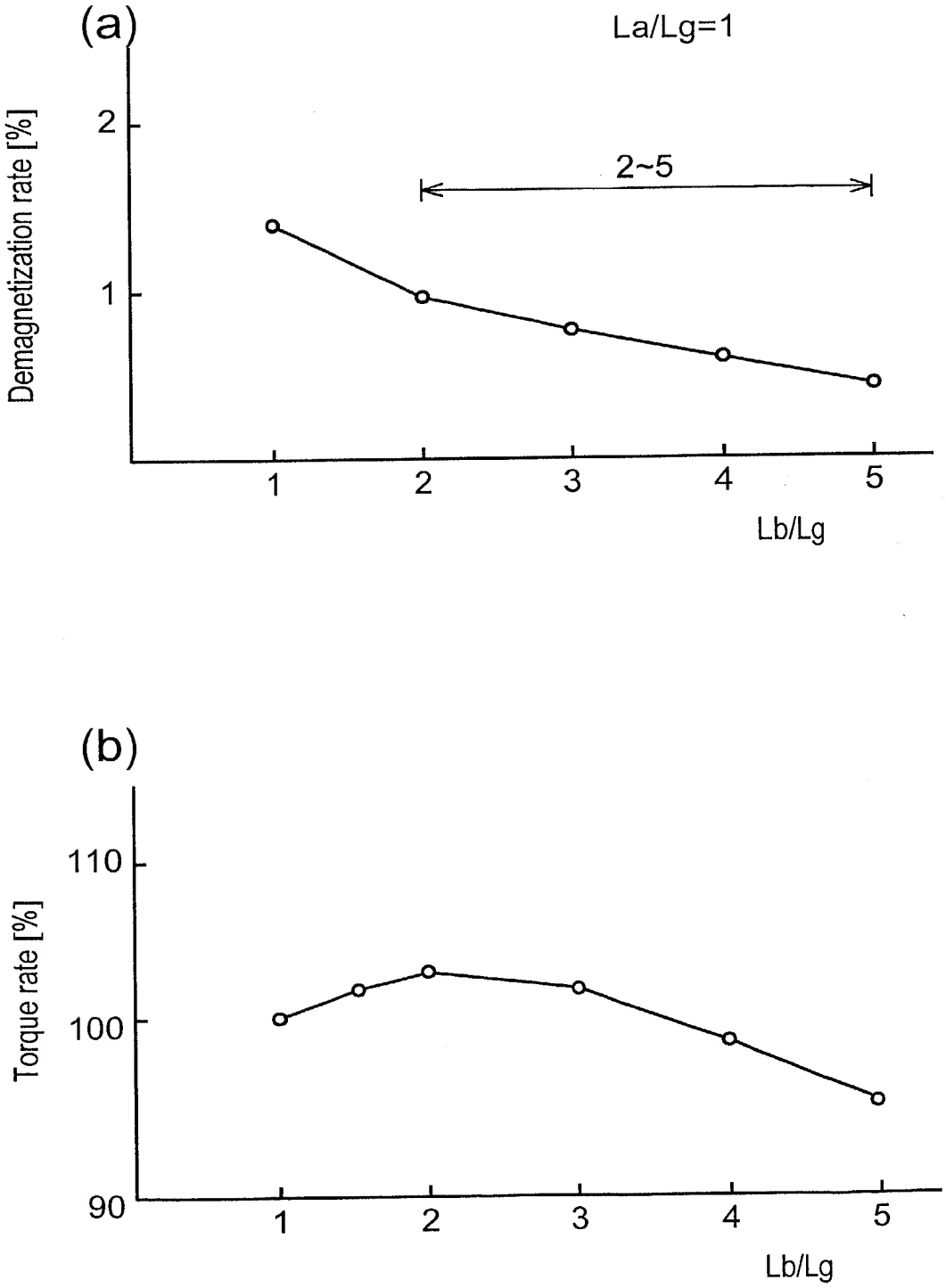

(a)
La/Lg=1
Demagnetization rate [%]
2
1
2~5
1
2
3
4
5
Lb/Lg
(b)
Torque rate [%]
110
100
90
1
2
3
4
5
Lb/Lg

FIG. 5

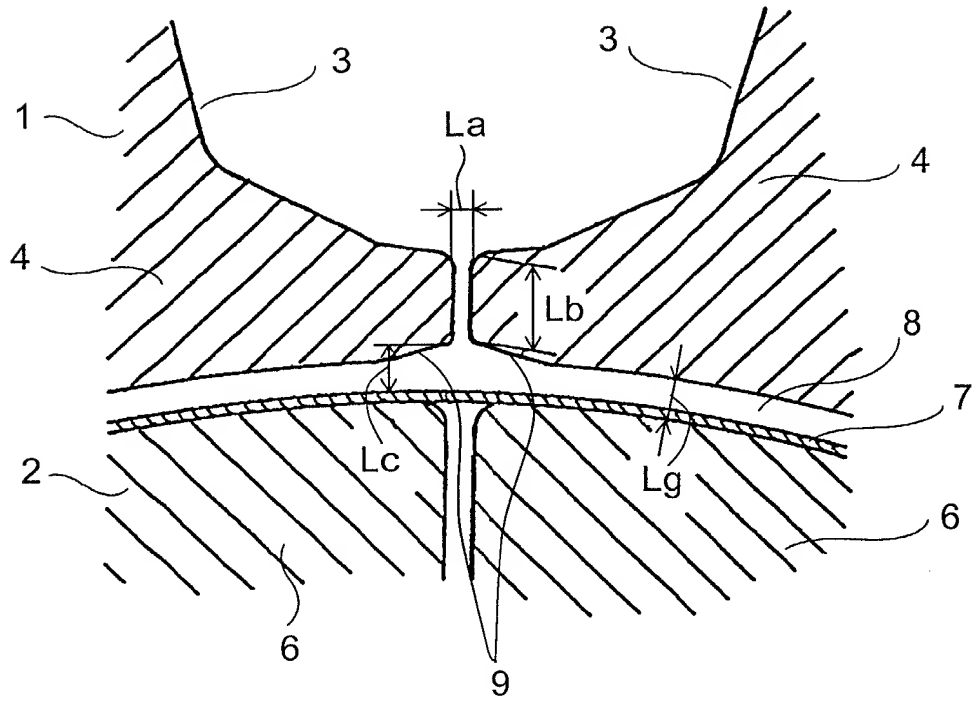


FIG. 6

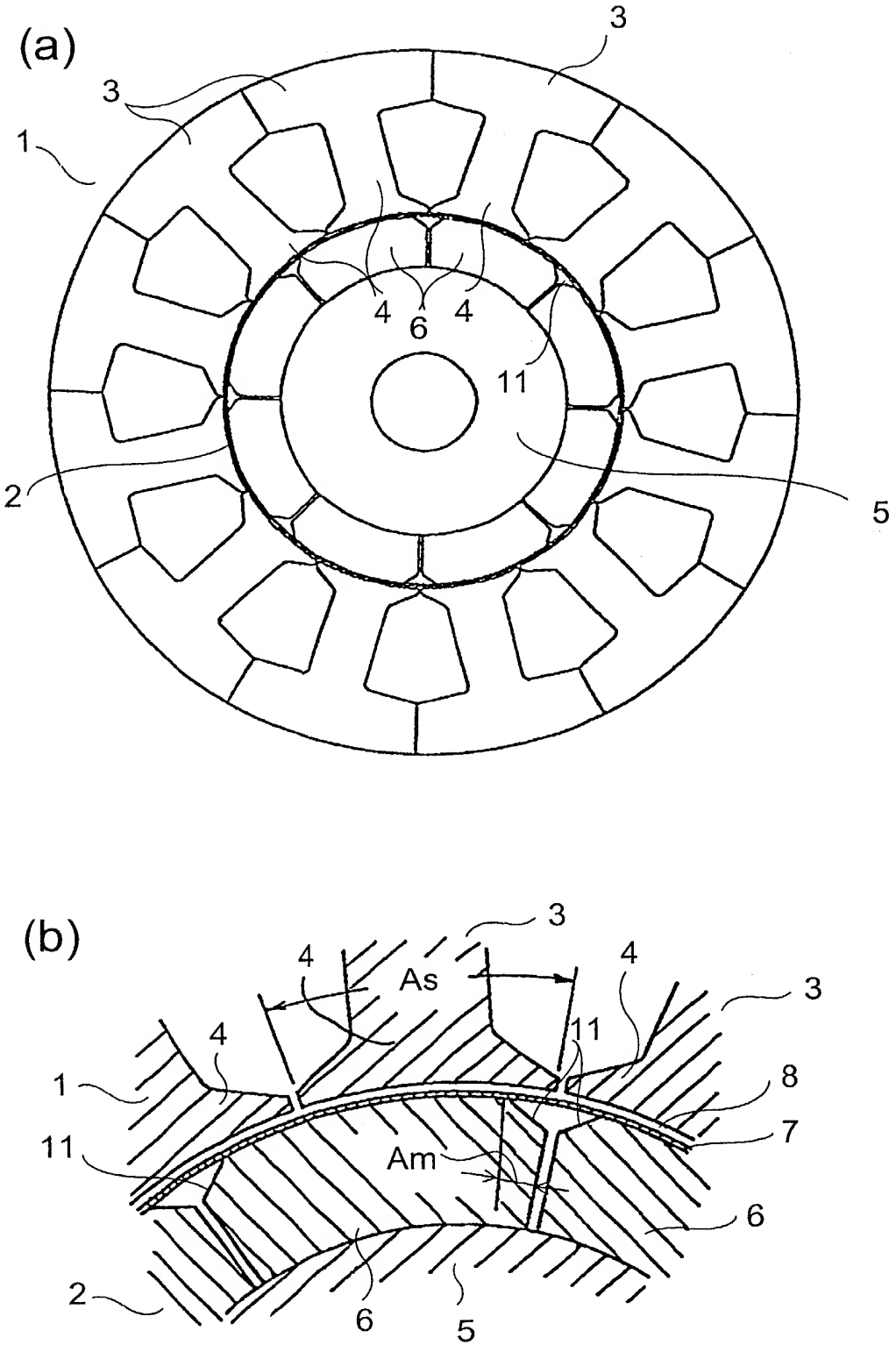


FIG. 7

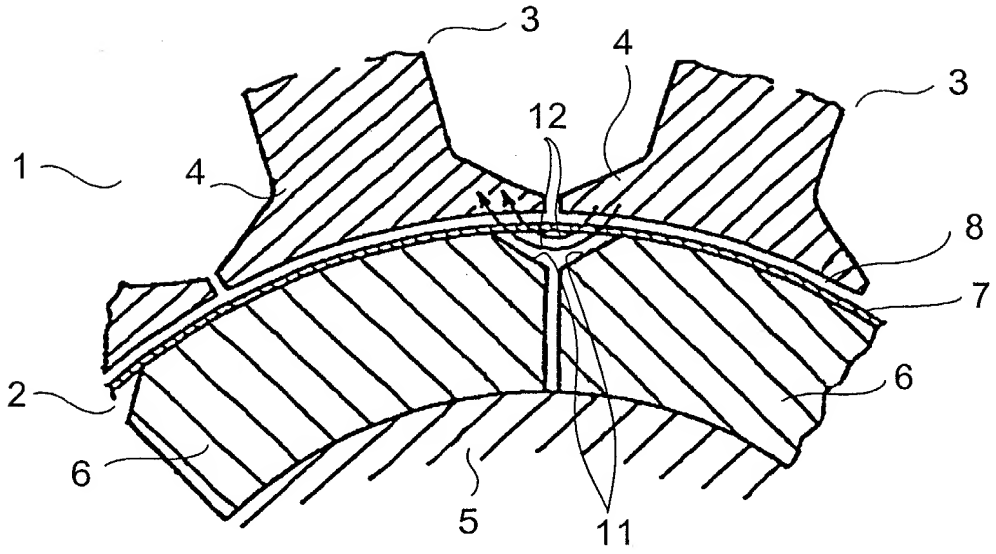


FIG. 8

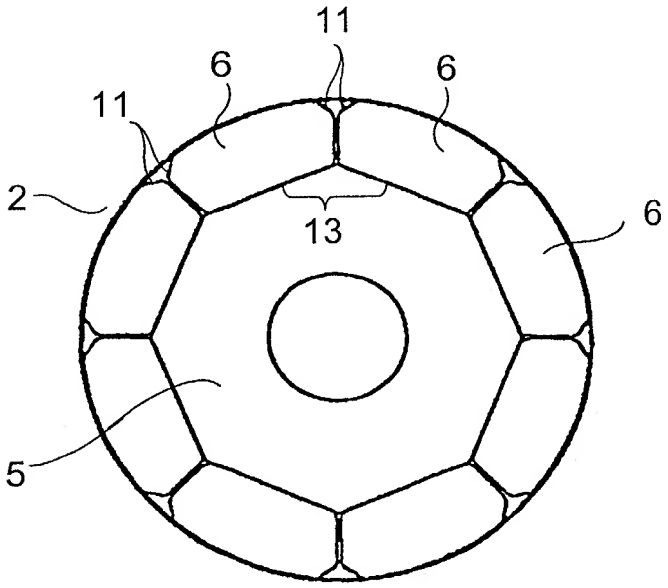


FIG. 9

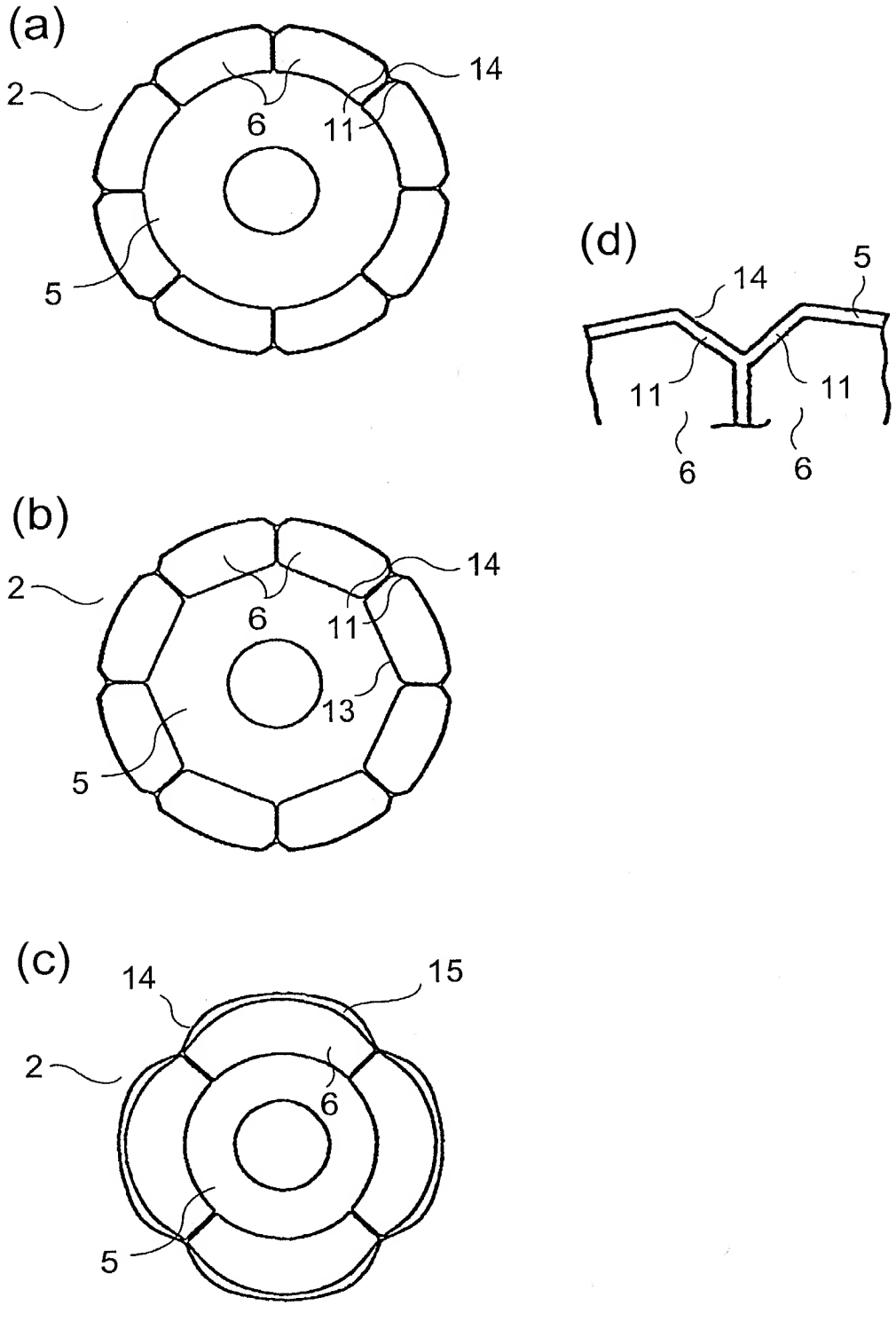


FIG. 10

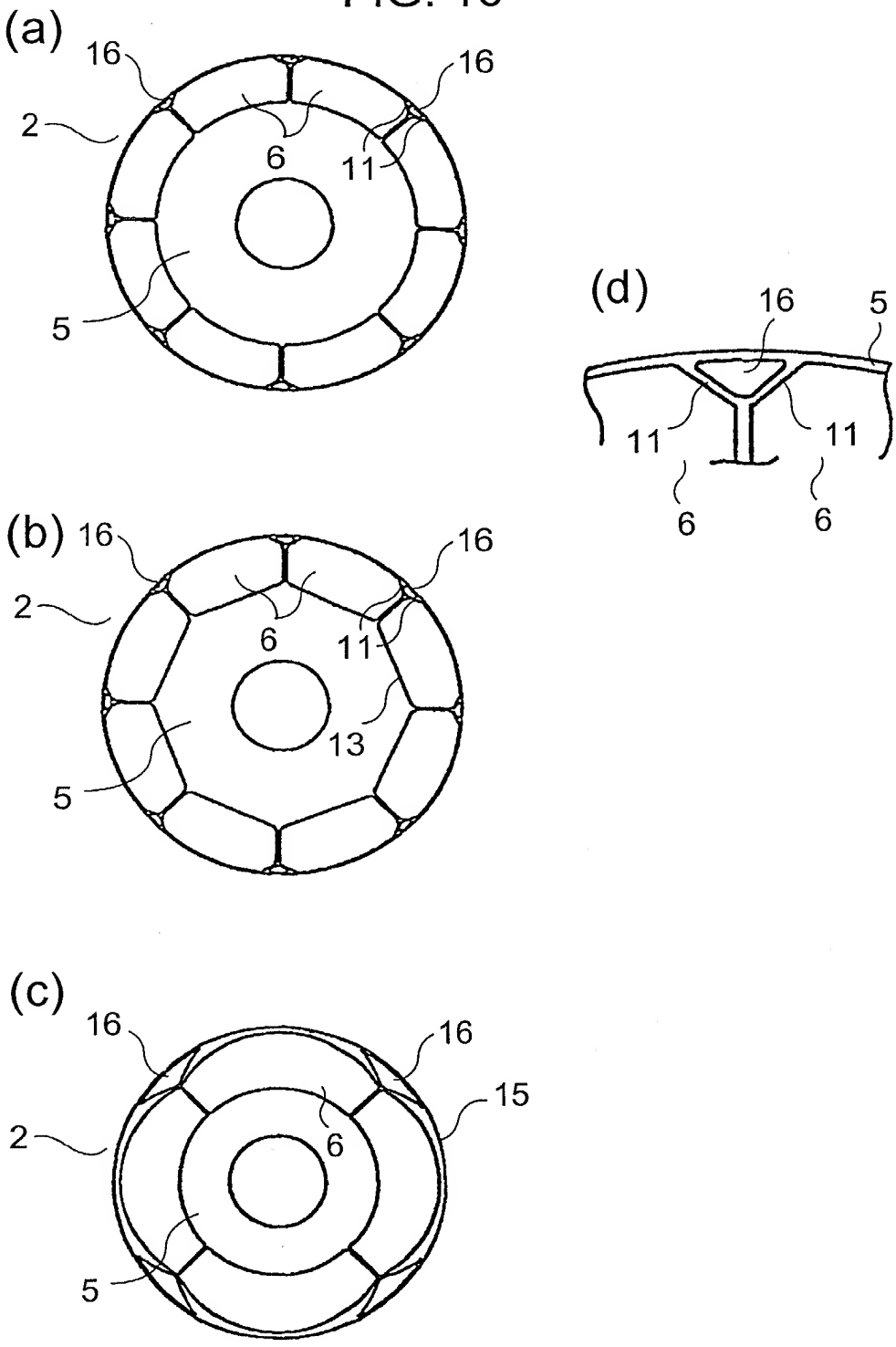


FIG. 11

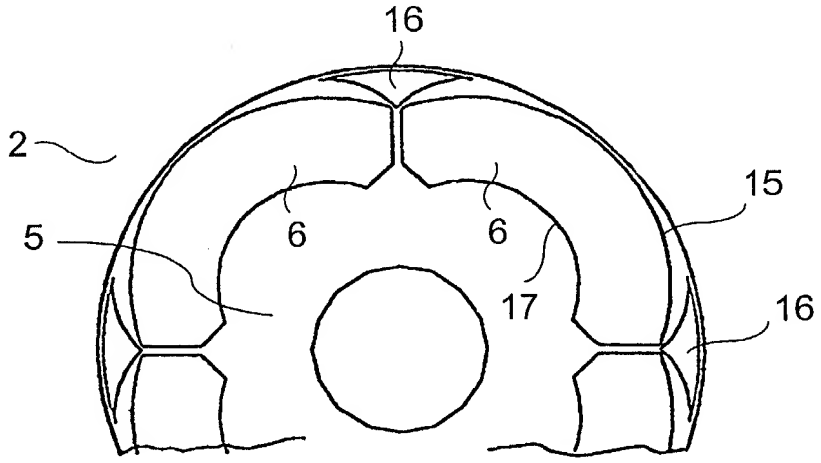


FIG. 12

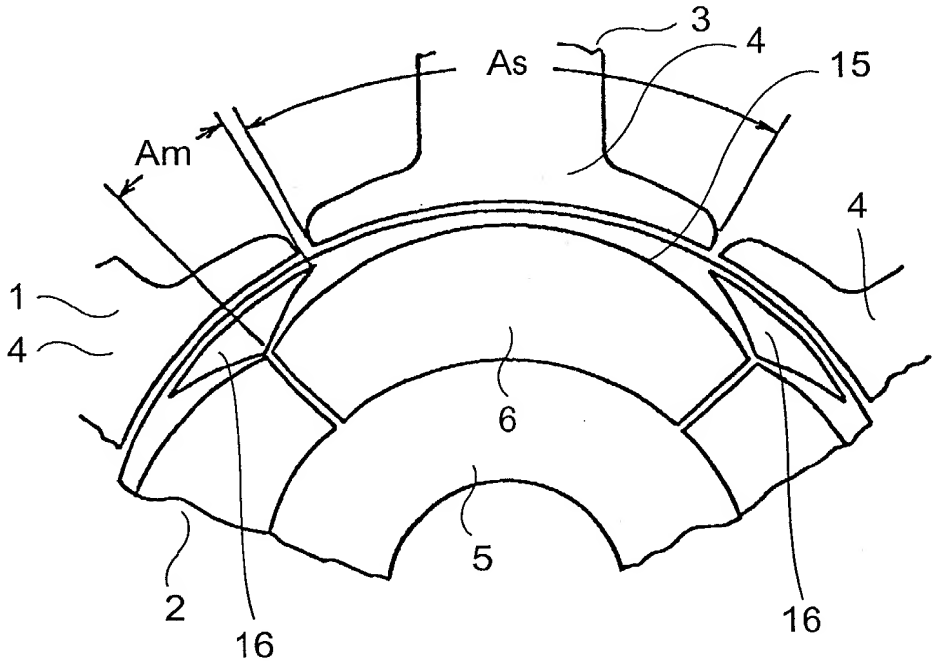


FIG. 13

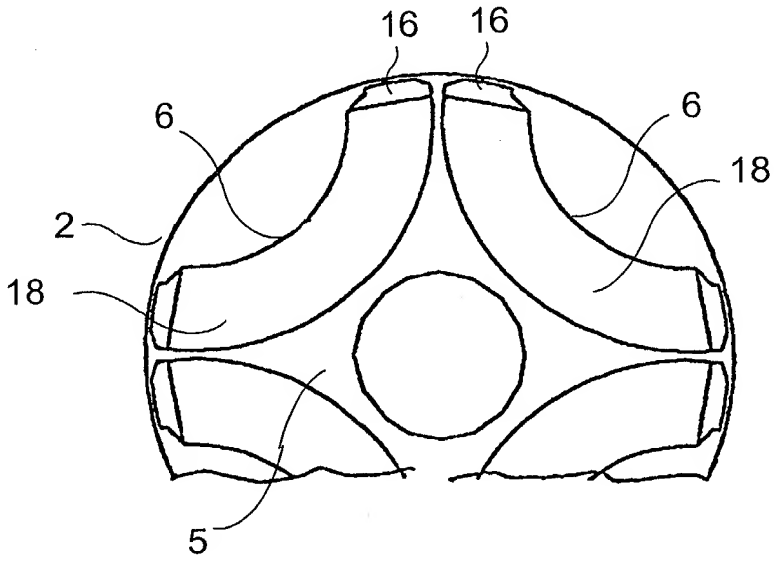


FIG. 14

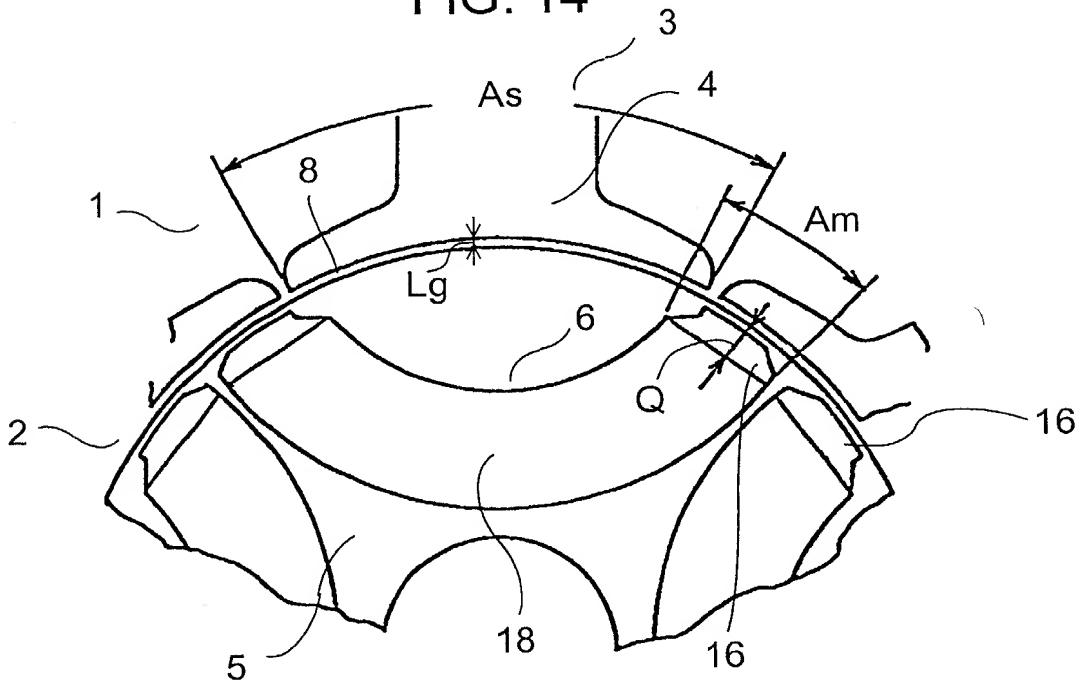


FIG. 15

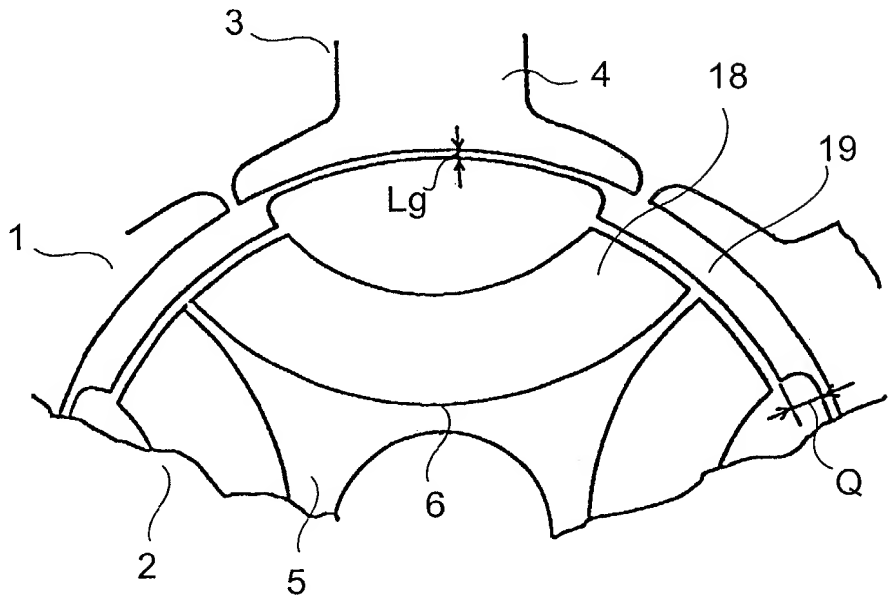


FIG. 16

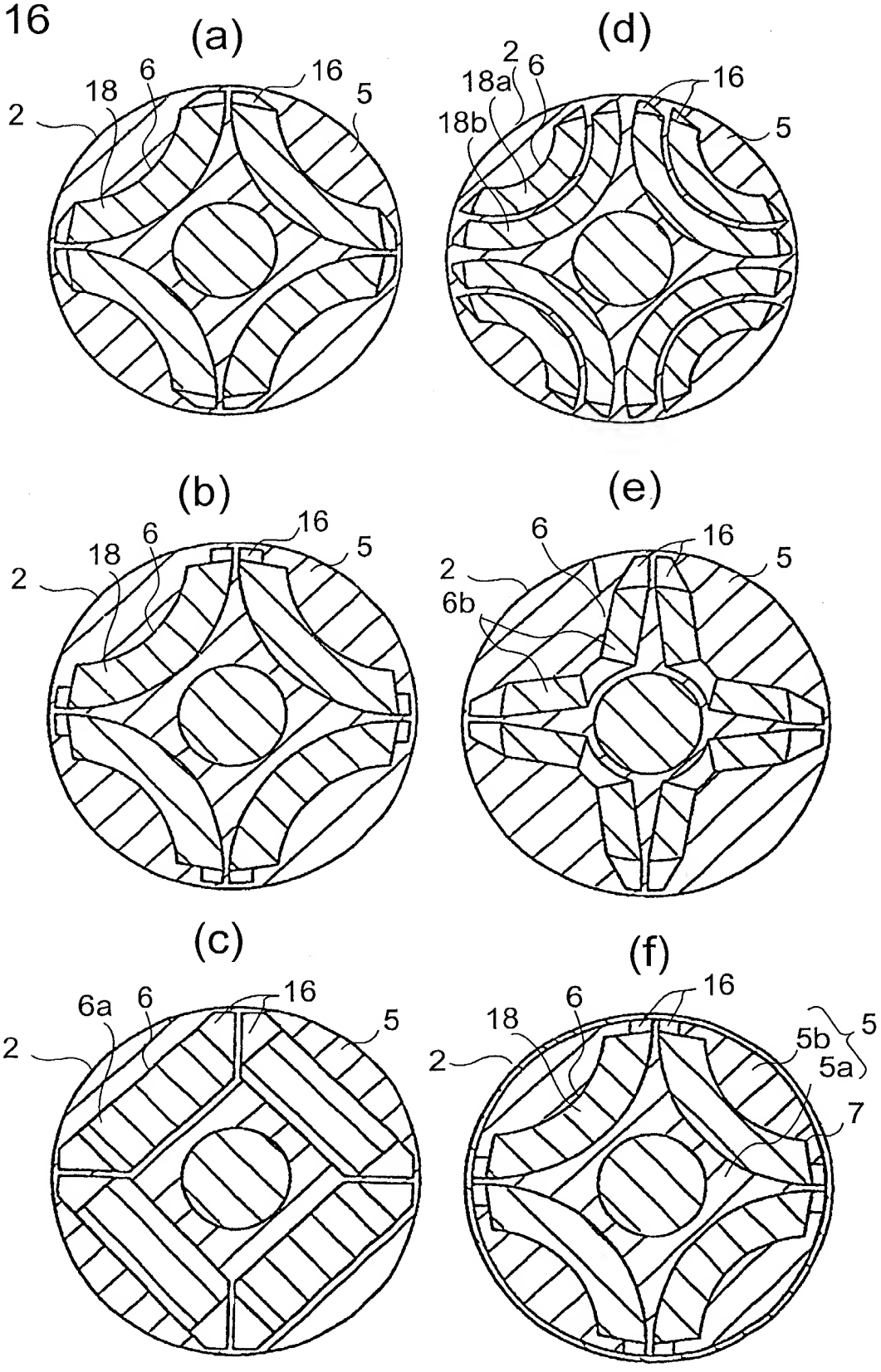

(a)
2
18
6
16
5
(d)
2
18a
6
18b
16
5
(b)
2
18
6
16
5
(e)
6
2
6b
16
5
(c)
2
6a
6
16
5
(f)
2
18
6
16
5b
5
5a
7

FIG. 17

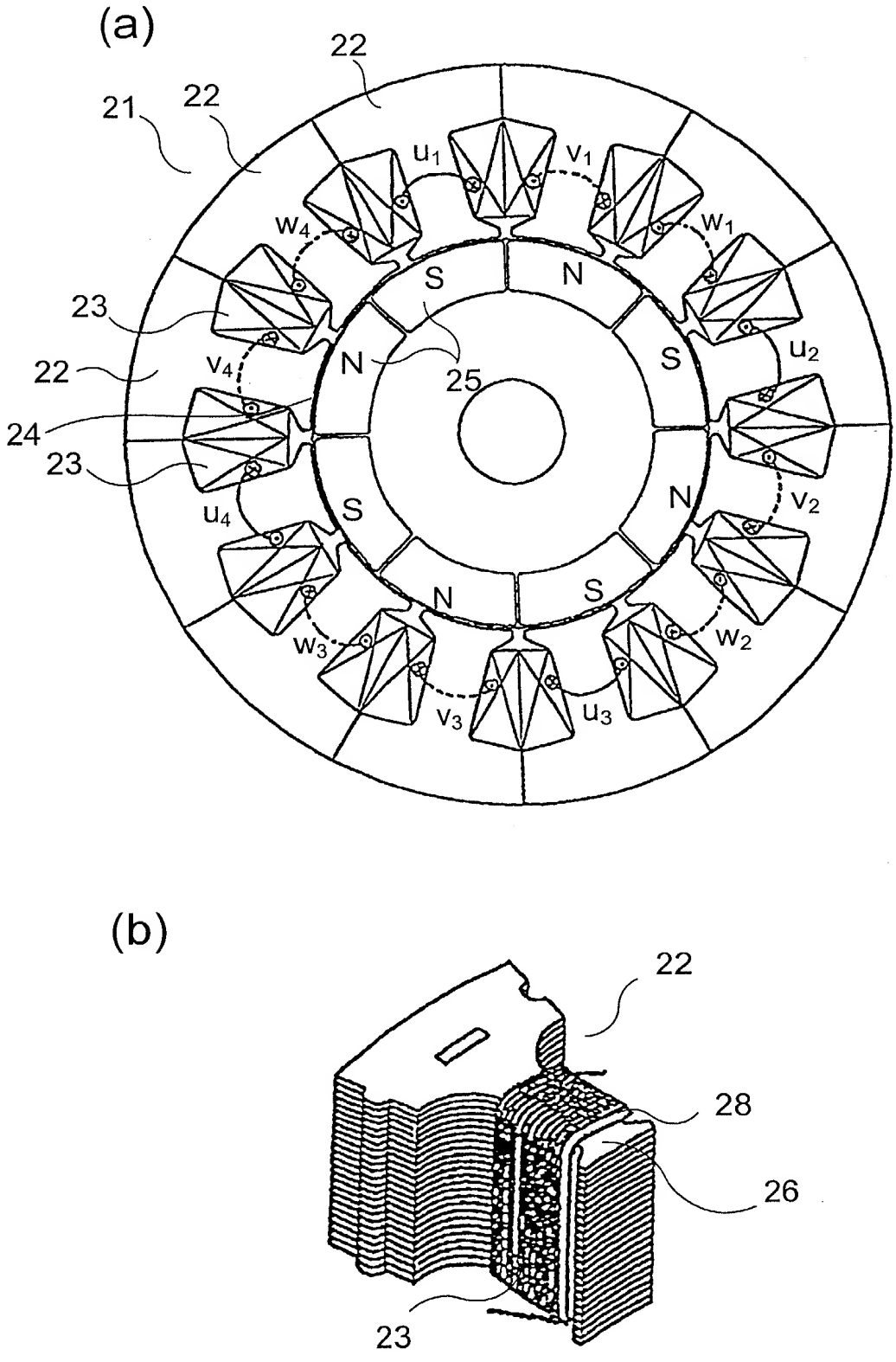

(a)
22
21
22
u_1
v_1
w_4
w_1
S
N
23
N
S
25
22
v_4
u_2
24
23
S
N
u_4
v_2
N
S
w_3
w_2
v_3
u_3
(b)
22
28
26
23

FIG. 18

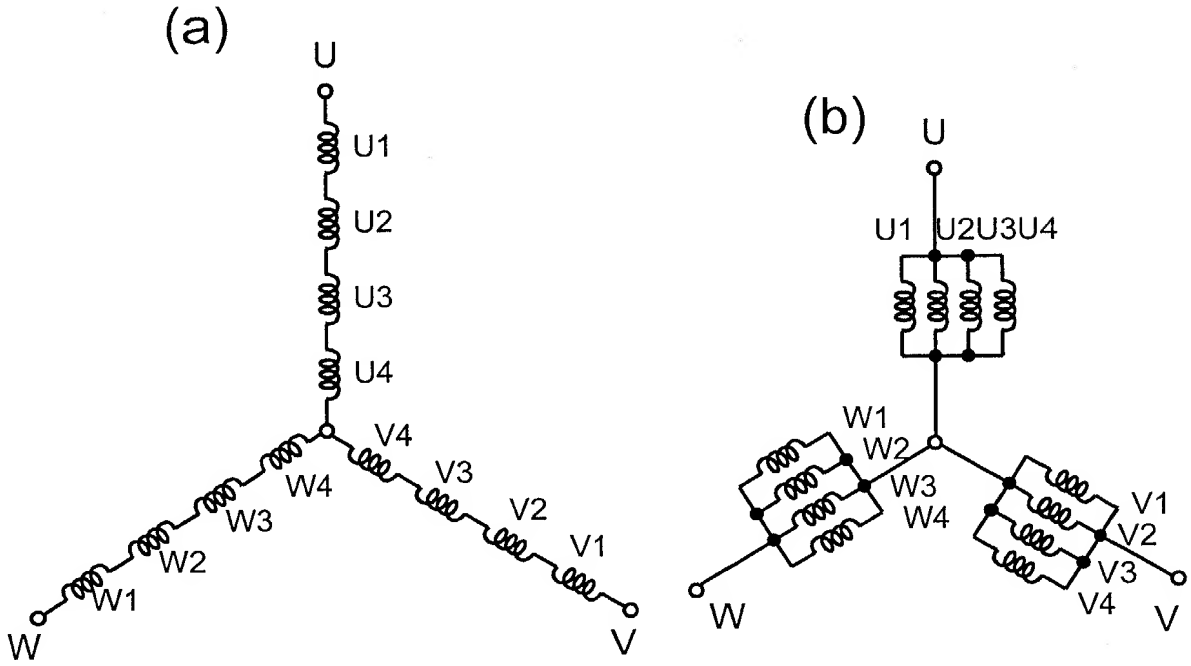

(a)
U
U1
U2
U3
U4
V4
V3
V2
V1
W4
W3
W2
W1
W
V
(b)
U
U1
U2U3U4
W1
W2
W3
W4
V1
V2
V3
V4
W
V

FIG. 19

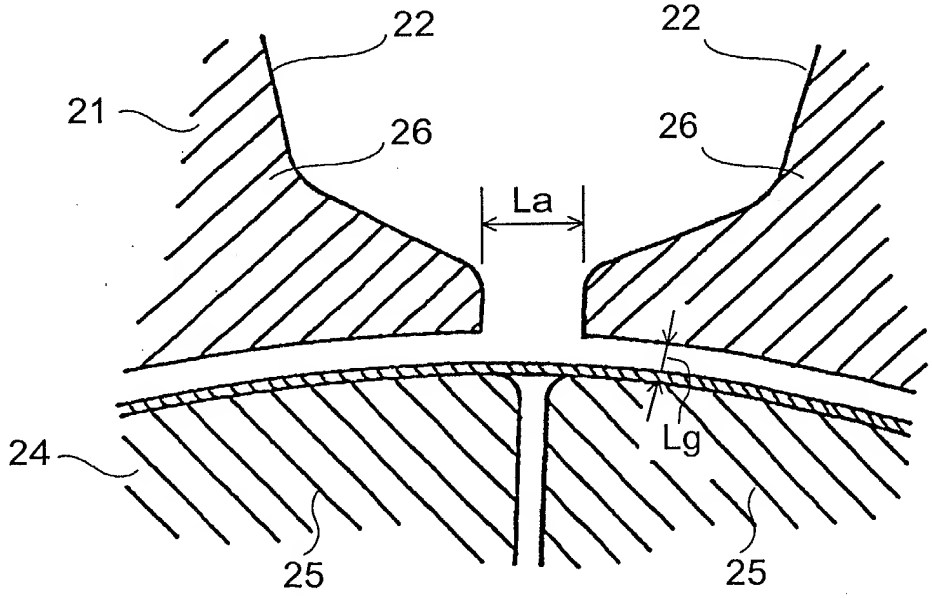
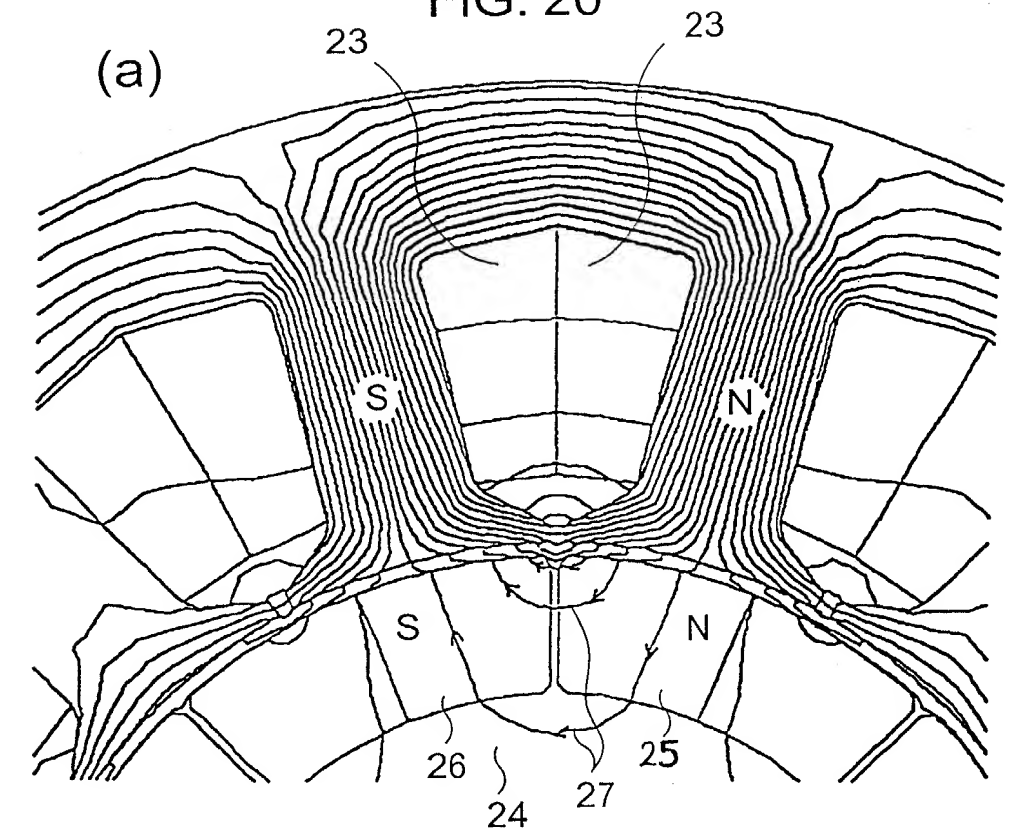

22
22
21
26
26
La
Lg
24
25
25

FIG. 20



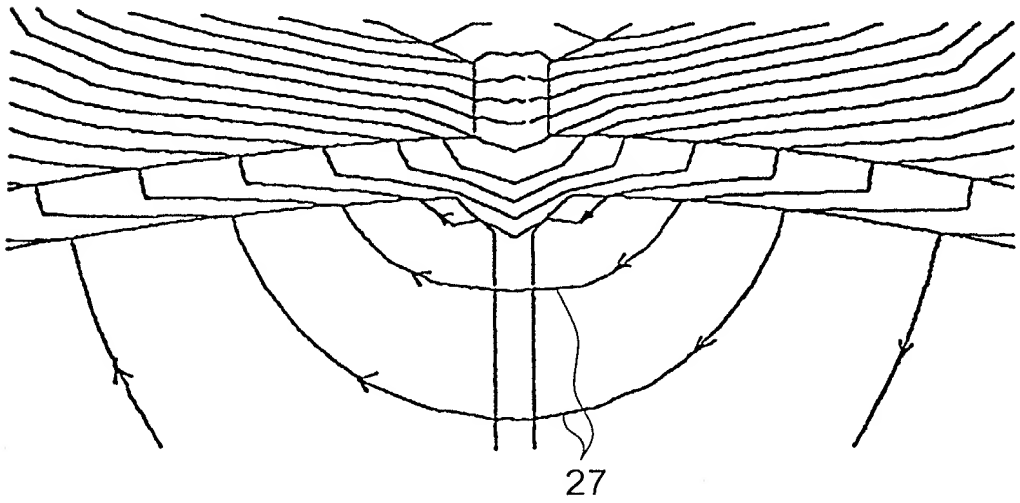


FIG. 21